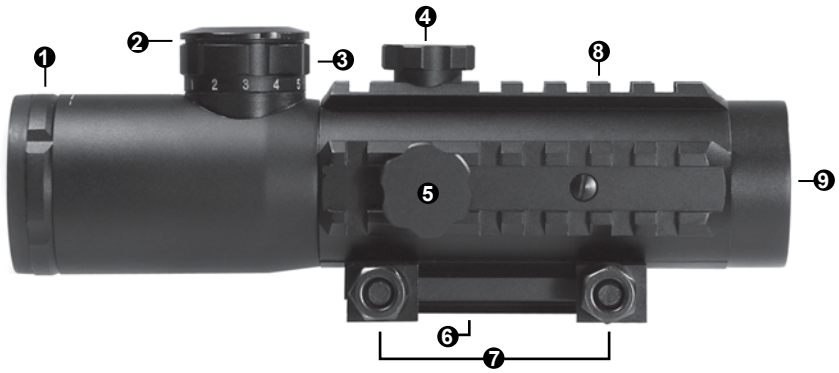
4x30 IR, Multi-Rail Electro Sight



Parts of the Multi-Rail Electro Sight

1. Fast Focus Eyebell
2. Battery Compartment
3. Rheostat Knob with 5-position settings for each color
4. Elevation Adjustment Cap
5. Windage Adjustment Cap
6. Weaver Picatinny Mounting Base
7. Locking Nuts
8. Integrated Weaver Picatinny Rails
9. Objective Lens

CAUTION:

1. **BE SURE THAT THE FIREARM IS NOT LOADED. PRACTICE SAFE FIREARM HANDLING PROCEDURES AT ALL TIMES.**
2. **ALL DISCHARGING OF FIREARMS SHOULD BE DONE AT AN APPROVED RANGE OR EQUALLY SAFE AREA. USE OF EYE AND EAR PROTECTION IS RECOMMENDED.**
3. **DIRECT VIEWING OF THE SUN CAN CAUSE PERMANENT EYE DAMAGE. DO NOT ATTEMPT TO VIEW THE SUN DIRECTLY WITH EITHER THIS PRODUCT OR THE NAKED EYE.**

INSTALLING THE BATTERY

To install batteries, unscrew the Battery Compartment **(2)** and insert the one CR2032 3V Lithium battery positive ("+") side up. Replace the battery cover. If the reticle dims or does not illuminate at all, replace the batteries. Only use one CR2032 3V Lithium Battery.

MOUNTING YOUR ELECTRO SIGHT

Position the electro sight so that the Objective Lens **(9)** is facing in the same direction as the muzzle of the firearm. Loosen each of the Locking Nuts **(7)**. Align the integrated Weaver Picatinny Mounting Base **(6)** of the electro sight onto the rail of your firearm, and slide electro sight into place. Tighten each of the Locking Nuts **(7)**.

MOUNTING ADDITIONAL AIMING ACCESSORIES

The electro sight features integrated Weaver Picatinny Rails which allow you to customize your scope with additional aiming accessories. Easily attach and use in combination with laser sight, flashlight and or secondary sight (not included).

Align the grooves of your additional aiming accessory (not included) to the grooves on the integrated Weaver Picatinny Rail **(8)** of the electro sight and securely mount additional aiming accessory to the integrated Weaver Picatinny Rail **(8)** of the electro sight.

WINDAGE AND ELEVATION

You can find the windage on the right side of the sight. This adjusts the horizontal axis of the sight. The elevation is located on the top of the sight. This adjusts the vertical axis of the sight.

To access the windage and elevation turrets, remove the caps that cover the turrets **(4 and 5)**. Turn counter clockwise to loosen the caps. Once the turrets are exposed, use a small coin to turn the turrets.

Windage
Turn the turret counter clockwise to raise the reticle. Turn the turret clockwise to lower the reticle.

WINDAGE / ELEVATION (inches per click or movement)	
50yds	100yds
1/4 inch	1/2 inch

Elevation
Turn the turret counter clockwise to make the reticle move to the right. Turn the turret clockwise to make the reticle move to the left.

ZEROING

Remove the windage and elevation adjustment caps **(4 and 5)** from the scope.

With the scope mounted, rest the gun on a solid support. Sight along the barrel and aim at a target 50 to 100 yards away. Sight through your electro sight. Using a small coin turn the adjustment dial(s) in either direction to align the reticle with the target as seen along the barrel. Reattach the adjustment caps and tighten securely to help moisture stay out.

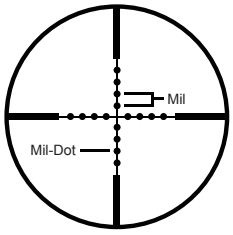
NOTE: Each click of adjustment changes bullet strike at a shooting distance of 100 yards by the amount indicated by the following formula: Divide the distance (number of yards) by 100. The resulting number, when multiplied by the click value (1/2), will yield the actual click value of the scope at the shooting distance.

FORMULA: Distance / 100 = N

N x Stated Click Value = Actual Click Value

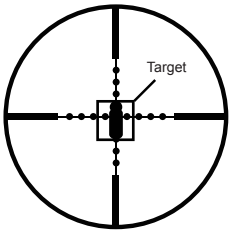
MIL-DOT RETICLE

The electro sight is equipped with a dual color illuminated red and green Mil-Dot Reticle. With the battery properly in place, turn the Rheostat Knob **(3)** clockwise to activate the illuminated green reticle and counter clockwise at activate the illuminated red reticle. The lower numbers represent dimmer settings and the higher numbers represent brighter settings of illumination. The "0" position indicated that the unit is OFF. If your reticle isn't sharp, turn the Fast Focus Eyebell **(1)** in either direction until the reticle appears in sharp focus.



What is a Mil-Dot?
The dots in the reticle are known as Mil-Dots. Mils are the increments measured between the centers of a Mil-Dot

Distance Between You And Your Target
1 Mil equals 10.8 inches @100yds. this can vary. Let's say that a 6ft target covers 4 mils in your reticle. Convert your target to yards, now you have 2yds. Now multiply your 2yds. by 1000. Now you have 2000yds. Now divide 2000yds. by the number of mils that covers the target (4). You're left with 500yds, that is the distance between you and the Target. (see the figure to the Right) Below is the formula for calculating the distance between you and the target.



Distance to Target = $\frac{\text{Height of Target (yards) x 1000 = Range (yards)}}{\text{Height Of Target (Mils)}}$

Magnification	Objective Lens (mm)	Reticle	Field of View (ft@100yds/m@100m)	Exit Pupil (mm)	Eye Relief (inch)	Weight (oz.)	Length (inch)
4x	30	Green & Red IR Mil-Dot	24.1/8.05	7.4	3.93	16	7

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